



Hofmann Water Treating Company

120 Gracey Avenue, Meriden, Connecticut 06450

MATERIAL SAFETY DATA SHEET

PRODUCT: FORMULA #698 AFP

Effective Date: 08-28-89

Product Application: Internal Boiler Treatment.

SECTION 1 HAZARDOUS INGREDIENTS

Information on physical hazards, health hazards, PEL'S and TLV'S for specific product ingredients as required by the OSHA Hazard Communication Standard are listed. Refer to section 4 (page 2) for our assessment of the potential acute and chronic hazards of this formulation.

None

SECTION 2 TYPICAL PHYSICAL DATA

FL.PT.(DEG.F):>212

EVAP.RATE: ND WATER = 1

PHYSICAL STATE: Liquid

FREEZE POINT (DEG. F): 21

ODOR: Slight

SP.GR. (70F) Or DENSITY: 1.2

%SOLUBILITY (WATER) : 100

APPEARANCE: Amber Liquid

SECTION 3 REACTIVITY DATA

Stable

Thermal decomposition (Destructive Fires) Yields Elemental Oxides

SECTION 4 HEALTH HAZARD EFFECTS

Acute Skin Effects - Primary Route of Exposure

Mildly irritating to the skin.

Acute Eye Effects

Irritating to the eyes.

Acute Respiratory Effects

Not Normally a problem

Chronic Effects of Overexposure

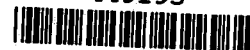
No evidence of potential chronic effects.

Medical conditions aggravated

Not Known.

Symptoms of Exposure

May cause redness or itching of skin.



SECTION 5 FIRST AID INSTRUCTIONS

Skin Contact

Remove contaminated clothing, wash exposed area with a large quantity of soap solution or water for 15 minutes.

Eye Contact

Immediately flush eyes with water for 15 minutes. Contact a physician for additional treatment.

Inhalation Exposure

Remove victim from contaminated area to fresh air. Apply appropriate first aid treatment as necessary.

Ingestion

Do not feed anything by mouth to an unconscious or convulsive victim. Induce vomiting if ingestion is of a large amount.

SECTION 6 SPILL, DISPOSAL AND FIRE INSTRUCTIONS

Spill Instructions

Ventilate area, use specified protective equipment. Contain and absorb on absorbant material. Place in waste disposal container. The waste characteristics of the absorbed material, or any contaminated soil, should be determined in accordance with RCRA regulations, and disposed of accordingly.

Disposal Instructions

Do not allow product into sewers, watersheds and water systems.

Fire Extinguishing

Firefighters should wear positive pressure self-contained breathing apparatus (Full Face-Piece Type).

Dry chemical, carbon dioxide, foam or water.

SECTION 7 SPECIAL PROTECTIVE EQUIPMENT

Use protective equipment in accordance with 29CFR section 19.132-134. Use respirators within use limitations or else use supplied air respirators.

Ventilation Protection

Local exhaust ventilation preferred.

Recommended Respiratory Protection

If ventilation is inadequate or significant product exposure is likely, use NIOSH approved equipment with full facepiece.

Recommended Skin Protection

Rubber Gloves.

Wash off after each use. Replace as necessary.

Recommended Eye Protection

Splash proof chemical goggles.

SECTION 8 STORAGE AND HANDLING PRECAUTIONS

Storage Instructions

Keep drums & pails closed when not in use. Reasonable and safe chemical storage.

Handling Instructions

Immediately remove contaminated clothing, wash before reuse.



This MSDS complies with the OSHA Hazard Communication Standard

APPENDIX: REGULATORY INFORMATION

The content of this appendix represents information known to Hofmann Water Treating Co. on the effective date of this MSDS. This information is believed to be accurate. Any changes in regulations will result in updated versions of this document.

TSCA: All components of this product are listed in the TSCA inventory .
RCRA: If this product is discharged as a waste, the RCRA hazardous waste identification number is: Not Applicable
DOT Hazard Classification: Not Applicable
DOT Shipping Designation is: Not Applicable